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(54) Title: METHODS OF SCREENING CYCLIC PEPTIDES AND IDENTIFYING TARGETS THEREFOR

(57) Abstract: The present invention provides compositions and methods for identifying candidate compounds capable of altering a phenotype of a cell that mediate their activity by binding with a specific chaperone of interest. Also provided are methods and compositions for identifying the target of the candidate compound-chaperone complex. Figure (1) provides a cartoon illustrating the principles of the invention.



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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01N 33/53; C12Q 1/00; AG1K 38/00 US CL : 435/7.1, 7.2, 4; 530/317, 300		
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B. FIELDS SEARCHED		
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST/NPL:cyclic peptides, phenotype, chaperone, unknown sequence		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category * Citation of document, with indication, where		Relevant to claim No.
	E" DATABASE DERWENT ACC. NO. 2004-269269, WO 2004020981 A2 (MASUDA, E.) 1-4 11 March 2004 (11.03.2004), see entire abstract (abstract only).	
	US 5,447,852 A (FRIEDMAN et al) 05 September 1995 (05.09.1995), see entire	
Further documents are listed in the continuation of Box C	See patent family annex.	
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